Alberta Agriculture
Custom Rates Survey

Fertilizer and Herbicide Applications
1984

Alberta
AGRICULTURE
STATISTICS BRANCH
427 4018

PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture as a cooperative effort involving the Department Statistics Branch and Farm Business Management Branch.

The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be GNR (Good Neighbor Rates) as opposed to CR (Commercial Rates). The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute please call the following numbers or contact your local District Agriculturist.

Alberta Agriculture
Statistics Branch
Edmonton, Alberta
403-427-4018

Alberta Agriculture
Farm Business Managment Branch
Olds, Alberta
403-556-8421

ALBERTA MUNICIPAL AFFAIRS

ALBERTA MUNICIPALITIES

1982

LEGEND

OPERATIONS

CS - CROP SEEDING
FA - FERTILIZER APPLICATION
HA - HERBICIDE APPLICATION

PRODUCT FORM

A - ANHYDROUS AMMONIA
G - GRANULAR
L - LIQUID

APPLICATOR

PT - PULL-TYPE
TM - TRUCK MOUNT
FL - FLOATER
AS - AIR SEEDER
SD - SEED DRILL
FW - FIXED WING AIRCRAFT
H - HELICOPTER

FERTILIZER APPLICATION - 1984

REGION	COUNTY	OPERATION	PRODUCT FORM	CULTIVATOR	PLACEMENT	LAND USE	METHOD	SOURCE	NOTE
1	2	FA	G	PT		$45/DAY			
1	2	FA	G	FL			$3/AC		
1	4	FA	G	FL			$3.50/AC		
1	4	FA	L	FL			$4.25/AC		
1	4	FA	A				$420/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
1	4	FA	G	PT		$4/TONNE			
1	4	FA	G	FW			$3.50/AC		
1	26	FA	G	FL			$3/AC		
1	26	FA	G	FL			$3/AC		AVADEX AND UREA
1	26	FA	G	PT		$5.50/TONNE			
1	26	FA	A				$440/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
1	MD9	FA	A			$45/TONNE			
1	MD9	FA	G	PT		$40/DAY			
1	MD9	FA	G	TM			$2.25/AC		
1	MD9	FA	L	FL			$2.75/AC		
1	MD14	FA	G	FL			$2.75/AC		
1	MD14	FA	L	FL			$2.75/AC		
1	MD26	FA	G	PT			$1.75/AC		
1	MD26	FA	A			$75/TONNE			DOUBLE SHOOTER; WITH LIQUID FERT
1	MD26	FA	L	PT			$7/AC		DEEP BANDING; INCLUDES CULTIVATOR
2	16	FA	G	FL			$3/AC		PLUS $4/TONNE HAULING
2	16	FA	G	FL			$3/AC		UREA AND AVADEX
2	16	FA	G	PT		$1/AC			
2	16	FA	A			$75/TONNE			APPLICATOR ONLY
2	16	FA	G	PT		$1/AC			
2	16	FA	A	PT		$3.75/AC			CULTIVATOR INCLUDED
2	16	FA	G	AS		$1/AC			TREFLAN AND AVADEX
2	16	FA	G	PT		$1.50/AC			FOR BANDING
2	17	FA	G	PT		$4/TONNE			
2	17	FA	A			$37/TONNE			APPLICATOR ONLY
2	17	FA	G	FL			$3.50/AC		
2	17	FA	A	PT			$465/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
2	17	FA	L	FL			$3.50/AC		
2	17	FA	G	PT			$4.60/AC		
2	CALGARY	FA	G	H			$3.50/AC		
2	CALGARY	FA	G	PT		$1/AC			
2	CALGARY	FA	G	FL			$3/AC		PLUS $4/TONNE HAULING
2	CALGARY	FA	A				$390/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
2	ID7	FA	G	PT		$.65/AC			
2	ID7	FA	G	FL		$4/AC			BANDING; INCLUDES CULTIVATOR
2	ID7	FA	A				$460/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
2	ID7	FA	G	FL			$2.25/AC		
2	MD34	FA	G	PT		$4/AC			
2	MD44	FA	G	AS			$4/AC		UREA AND AVADEX
2	MD44	FA	G	PT		$.75/AC			
2	MD44	FA	L	FL			$2.75/AC		
2	MD44	FA	G	FL			$2.75/AC		
2	MD44	FA	L	PT		$.75/AC			FOR LIQUID BANDING
2	MD44	FA	A	PT		$4/AC			DOUBLE SHOOTER; WITH LIQUID FERT
2	MD48	FA	G	PT		$.75/AC			
2	MD48	FA	G	PT			$6/AC		BANDING; INCLUDES CULTIVATOR

3	ID10	FA	G	PT	$8/TONNE	$2.75/AC	
3	ID10	FA	G	FL		$450/TONNE	SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
3	3	FA	A				
3	3	FA	G	PT	$30/DAY		
3	3	FA	G	TM		$2.50/AC	
3	3	FA	G	FL		$2.50/AC	UREA AND AVADEX
3	3	FA	G	TM		$3/AC	
3	14	FA	A			$350/TONNE	SPRING PRICE; PRODUCT, APPLICATOR
3	14	FA	G	PT	$5/TONNE		
3	14	FA	G	TM		$3/AC	
3	14	FA	A			$450/TONNE	SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
3	14	FA	G	PT	$1/AC		
3	14	FA	L	TM		$3/AC	
3	14	FA	G	TM		$3/AC	UREA AND AVADEX/TREFLAN
3	14	FA	A		$70/TONNE		APPLICATOR AND DELIVERY
3	22	FA	G	PT	$6/TONNE		
3	22	FA	L	TM		$2.75/AC	
3	22	FA	G	TM		$2.75/AC	UREA AND AVADEX
3	22	FA	G	TM		$2.50/AC	
3	22	FA	G	PT	$20/LOAD		MAX OF $40/DAY
3	22	FA	A			$445/TONNE	SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
3	22	FA	G	TM		$2.50/AC	UREA AND AVADEX
3	23	FA	L	FL		$3.50/AC	
3	23	FA	G	TM		$2.75/AC	
3	23	FA	G	PT	$.75/AC		
3	23	FA	A		$2/AC		APPLICATOR ONLY
3	23	FA	G	PT	$1/AC		MIN-$50/DAY; MAX-$100/DAY
3	23	FA	L	FL		$3/AC	PLUS $4/TONNE HAULING
3	23	FA	A		$75/TONNE		APPLICATOR, DELIVERY
3	23	FA	G	FL		$2.75/AC	INCLUDES DELIVERY
3	23	FA	G	AS		$5.50/AC	BANDING; INCLUDES TRACTOR, CULTIVATOR
3	29	FA	G	AS		$5/AC	BANDING
3	29	FA	G	PT	$5/TONNE		
3	29	FA	G	PT	$1.50/AC		BANDING
4	MD61	FA	G	PT	$.75/AC	$450/TONNE	SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
4	27	FA	A				
4	24	FA	G	PT	$20/DAY		MAX-$40/DAY
4	24	FA	G	PT	$3/TONNE	$455/TONNE	SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
4	24	FA	A		$22/TONNE		APPLICATOR ONLY
4	24	FA	A			$3.50/100LB	
4	24	FA	G	FW		$4/AC	PLUS $.01/LB
4	24	FA	G	FW			MIN-$40/DAY
4	24	FA	G	PT	$1/AC		DELIVERY, APPLICATOR
4	24	FA	A		$85/TONNE		
4	24	FA	L	FL		$3/AC	
4	24	FA	G	PT	$.50/AC		
4	24	FA	G	PT		$2.50/AC	
4	24	FA	L	FL		$3.50/AC	
4	24	FA	A		$70/TONNE		APPLICATOR
4	21	FA	A		$25/TONNE		APPLICATOR
4	19	FA	G	PT		$5/TONNE	
4	19	FA	G	TM		$2.50/AC	
4	19	FA	A			$50/TONNE	OPERATOR RATE
4	9	FA	G	FW		$3.50/AC	
4	24	FA	A			$455/TONNE	PRODUCT, DELIVERY, APPLICATOR
4	MD87	FA	G	TM		$2.75/AC	
4	MD87	FA	A			$450/TONNE	PRODUCT, DELIVERY, APPLICATOR
4	MD87	FA	G	TM		$3/AC	UREA AND AVADEX
4	MD87	FA	G	FW		$5.50/AC	150 LBS/AC
4	MD52	FA	G	PT	$.50/AC		
4	MD52	FA	A	TM	$1.50/AC		APPLICATOR ONLY
4	MD52	FA	L	FL	$3.50/AC		INCLUDES CULTIVATOR, LIQUID ATTACHMENT

FERTILIZER APPLICATION - 1984 (cont)

REGION	COUNTY	OPERATION	PRODUCT FORM	APPLICATOR	LOCATION	CUSTOM RATE	MEDIA SEARCH	NOTES
5	31	FA	G	FL		$3/AC		
5	31	FA	A			$450/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
5	25	FA	G	PT	$50/DAY			MINIMUM RATE
5	25	FA	G	PT	$100/DAY			MAXIMUM RATE
5	25	FA	A	TM	$75/TONNE			APPLICATOR ONLY
5	25	FA	G	PT	$15/DAY			4 TONNE CAPACITY
5	25	FA	G	PT	$30			PER 1/2 DAY
5	25	FA	A	TM		$430/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
5	20	FA	G	PT	$5/TONNE			
5	20	FA	G	PT		$2.50/AC		
5	20	FA	A	TM		$430/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
5	20	FA	G	AB		$7/AC		INCLUDES ANHYDROUS APPLICATION ON GRANULAR
5	20	FA	G	PT	$9/TONNE			
5	20	FA	A	TM	$75/TONNE			APPLICATOR ONLY
5	20	FA	G	TM	$3/AC			
5	20	FA	A	TM	$75/TONNE			APPLICATOR ONLY
5	12	FA	G	PT		$1.25/AC		BROADCASTING
5	12	FA	G	AB		$5/AC		BANDING; INCLUDES CULTIVATOR
5	MD92	FA	G	FL		$2/AC		
5	MD92	FA	A	TM		$425/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
5	MD92	FA	G	FW		$3.50/AC		100 LBS/AC
5	MD90	FA	L	FL		$2.75/AC		
5	MD90	FA	G	TM		$2.75/AC		AVADEX AND UREA
5	MD90	FA	G	PT	$.60/AC			
5	MD90	FA	G	FW		$77/TONNE		
5	MD90	FA	G	H		$88/TONNE		
6	1	FA	L	FL		$3.25/AC		
6	1	FA	G	FL		$3/AC		
6	1	FA	G	TM		$3/AC		
6	1	FA	G	AB		$4/AC		BANDING
6	1	FA	L	PT	$1.50/AC			BANDING
6	ID16	FA	G	FL	$50/DAY			
6	ID16	FA	A	TM	$50/TONNE			
6	ID17	FA	G	FL		$3.25/AC		
6	ID17	FA	G	FL		$3.25/AC		UREA AND AVADEX
6	ID17	FA	A	TM		$475/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
6	ID19	FA	G	FW		$.035/LB		
6	ID21	FA	G	PT	$35/DAY			
6	ID21	FA	G	PT	$55/DAY			
6	ID21	FA	A	TM		$567/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
6	MD130	FA	G	FL		$3.25/AC		
6	MD130	FA	G	FL		$3.25/AC		UREA AND AVADEX
6	MD130	FA	A			$475/TONNE		SPRING PRICE; PRODUCT, DELIVERY, APPLICATOR
6	MD133	FA	G	PT	$50/DAY			
6	MD136	FA	L	FW		$3.20/AC		1 GALLON WATER
6	MD136	FA	L	FW		$3.70/AC		2 GALLONS WATER
6	MD136	FA	G	PT	$50/DAY			

HERBICIDE APPLICATIONS - 1984

REGION	COUNTY	OPERATION	PRODUCT FORM	APPLICATOR	RATE	CHEMICAL COST	COMMENTS
1	4	HA	L	FL		$3.50/AC	1 GALLON WATER
1	4	HA	L	FW		$2.85/AC	1 GALLON WATER
1	4	HA	L	FW		$3.20/AC	2 GALLONS WATER
1	4	HA	L	FW		$3.70/AC	3 GALLONS WATER
1	4	HA	L	FW		$4.50/AC	5 GALLONS WATER
1	4	HA	L	FW		$5.20/AC	8 GALLONS WATER
1	4	HA	L	FW		$5.75/AC	10 GALLONS WATER
1	8	HA	L	FW		$3.25/AC	1 GALLON WATER
1	8	HA	L	FW		$3.75/AC	2 GALLONS WATER
1	8	HA	L	FW		$4.25/AC	3 GALLONS WATER
1	8	HA	L	FW		$5.25/AC	5 GALLONS WATER
1	26	HA	L	FW		$2.75/AC	LESS THAN 1/2 GALLON WATER
1	26	HA	L	FW		$3.00/AC	1 TO 2 GALLONS WATER
1	26	HA	L	FW		$3.50/AC	OVER 2 GALLONS WATER
1	26	HA	L	FW		$3.75/AC	ESTERS
1	26	HA	L	FW		$5.50/AC	ESTER AND BANVEL
1	26	HA	G	FL	$1/AC		SMALL APPLICATOR; AVADEX OR TREFLAN
1	MD14	HA	L	FL		$2.75/AC	1 GALLON WATER
1	MD14	HA	G	AS		$2.75/AC	
1	MD14	HA	L	FW		$3/AC	1 GALLON WATER
1	MD14	HA	L	FW		$3.40/AC	2 GALLONS WATER
1	MD26	HA	L	FL		$2/AC	1 GALLON WATER
1	MD26	HA	L	PT		$9/AC	DEEP BANDING; FERT AND HERB; INC CULTIVATOR
2	16	HA	G	PT	$1/AC		
2	16	HA	G	PT	$.75/AC		
2	16	HA	L	FW		$2.50/AC	1/2 GALLON WATER
2	16	HA	L	FW		$2.75/AC	1 GALLON WATER
2	16	HA	L	FW		$3/AC	2 GALLONS WATER
2	16	HA	L	FW		$4/AC	5 GALLONS WATER
2	17	HA	L	FL	$1/AC		
2	CALGARY	HA	L	H		$3.25/AC	1 GALLON WATER
2	CALGARY	HA	L	H		$3.75/AC	2 GALLONS WATER
2	CALGARY	HA	L	H		$4.25/AC	3 GALLONS WATER
2	CALGARY	HA	G	PT	$1/AC		TREFLAN OR AVADEX
2	CALGARY	HA	L	FL		$5/AC	10 GALLONS WATER
2	ID7	HA	G	PT	$.75/AC		AVADEX OR TREFLAN
2	MD34	HA	L	FL		$3.50/AC	10 GALLONS WATER
2	MD44	HA	G	AS		$2.75/AC	TREFLAN AND AVADEX
2	MD44	HA	G	PT	$.75/AC		
2	MD44	HA	L	FL		$3/AC	1 GALLON WATER
2	MD44	HA	G	TM		$1.75/AC	
2	MD48	HA	G	TM		$1.75/AC	
2	MD48	HA	L	TM		$2.50/AC	

HERBICIDE APPLICATION - 1984 (cont)

REGION	COUNTY	OPERATION	PRODUCT FORM	APPLICATOR	RECOMMENDED RATE	COST/ACRE	NOTES
3	3	HA	G	AS	$1/AC		AVADEX AND TREFLAN
3	10	HA	L	FW		$3.50/AC	2 GALLONS WATER
3	10	HA	L	FW		$3.25/AC	1 GALLON WATER
3	14	HA	G	PT	$.50/AC		
3	14	HA	G	PT	$.80/AC		AVADEX OR TREFLAN
3	14	HA	G	TM		$2.20/AC	AVADEX OR TREFLAN
3	23	HA	L	FL		$3.50/AC	
3	23	HA	G	PT	$.75/AC		
3	23	HA	G	AS	$1/AC		MIN-$75/DAY; MAX-$125/DAY
3	29	HA	L	FL		$2/AC	
4	MD61	HA	G	TM		$1.75/AC	
4	27	HA	L	FL		$2.50/AC	1 GALLON WATER
4	24	HA	G	AS	$.70/AC		
4	24	HA	L	FW		$3/AC	1 GALLON WATER
4	24	HA	L	FW		$3.50/AC	2 GALLONS WATER
4	24	HA	L	FW		$4/AC	3 GALLONS WATER
4	24	HA	L	FW		$3/AC	1 GALLON WATER
4	24	HA	L	FW		$3.25/AC	2 GALLONS WATER
4	24	HA	L	FW		$3.50/AC	3 GALLONS WATER
4	24	HA	L	FL	$1/AC		MIN-$75/DAY
4	24	HA	L	FL		$3/AC	1 GALLON WATER
4	24	HA	L	FL		$3.50/AC	
4	9	HA	L	FW		$3.50/AC	3 GALLONS WATER
4	MD87	HA	L	FW		$3.25/AC	1 GALLON WATER
4	MD87	HA	L	FW		$3.75/AC	2 GALLONS WATER
4	MD87	HA	L	FW		$4.25\AC	3 GALLONS WATER
4	MD52	HA	L	FW		$2.75/AC	1 GALLON WATER
4	MD52	HA	L	FW		$3.50/AC	2 TO 3 GALLONS WATER
5	20	HA	G	PT	$.70/AC		
5	20	HA	G	FL	$2.75/AC		
5	20	HA	L	PT		$2/AC	
5	20	HA	G	PT	$1/AC		MAX-$75/DAY
5	12	HA	L	PT		$1.75/AC	
5	MD92	HA	G	PT	$.60/AC		
5	MD92	HA	L	FW		$3.15/AC	1 GALLON WATER
5	MD92	HA	L	FW		$4.20/AC	2 GALLONS WATER
5	MD90	HA	L	FL		$3.25/AC	
5	MD90	HA	G	PT	$.60/AC		
5	MD90	HA	G	FW		$77/TONNE	
5	MD90	HA	G	H		$68/TONNE	

HERBICIDE APPLICATIONS - 1984 (cont)

REGION	COUNTY	OPERATION	PRODUCT FORM	APPLICATOR	RATE	COST	NOTES
6	1	HA	L	FL		$3.25/AC	
6	1	HA	G	PT	$1.50/AC		
6	1	HA	G	PT	$2.50/AC		CULTIVATOR INCLUDED
6	ID16	HA	G	FL	$50/DAY		
6	ID17	HA	G	PT	$.75/AC		
6	ID19	HA	L	FW		$3.50/AC	BROADLEAF HERBICIDE
6	ID19	HA	L	FW		$4/AC	WILD OATS HERBICIDE
6	ID22	HA	L	FW		$3/AC	1 GALLON WATER
6	ID22	HA	L	FW		$4/AC	2 GALLONS WATER
6	MD130	HA	G	PT	$.75/AC		
6	MD135	HA	L	FW		$3/AC	2 GALLONS WATER
6	MD135	HA	L	FW		$3.50/AC	3 GALLONS WATER
6	MD135	HA	L	FW		$3.25/AC	2 GALLONS WATER
6	MD136	HA	L	FW		$3.20/AC	1 GALLON WATER
6	MD136	HA	L	FW		$3.70/AC	2 GALLONS WATER
6	MD136	HA	G	AS	$1/AC		

LEGEND

OPERATIONS

CS - CROP SEEDING
FA - FERTILIZER APPLICATION
HA - HERBICIDE APPLICATION

PRODUCT FORM

A - ANHYDROUS AMMONIA
G - GRANULAR
L - LIQUID

APPLICATOR

PT - PULL-TYPE
TM - TRUCK MOUNT
FL - FLOATER
AS - AIR SEEDER
SD - SEED DRILL
FW - FIXED WING AIRCRAFT
H - HELICOPTER

CROP SEEDING - 1984

REGION	COUNTY	OPERATION	APPLICATOR	ADDITIONAL ACRES	ADDITIONAL COST	NOTES
1	2	CS	FL		$3/AC	OILSEEDS
1	4	CS	FL		$4/AC	RAPESEED
1	4	CS	FW		$4.75/AC	ALL CROPS OVER 25 ACRES
1	4	CS	FW		$5.00/AC	ALL CROPS UNDER 25 ACRES
1	8	CS	FW		$3.25/AC	ALFALFA
1	MD14	CS	FW		$4.50/AC	OILSEEDS
1	MD14	CS	FW		$4.50/AC	CEREALS
1	MD26	CS	SD		$5.50/AC	CEREALS AND OILSEEDS
2	17	CS	PT		$6/AC	CEREALS
2	17	CS	PT		$6.50/AC	CEREALS OR GRASSES WITH FERT
2	CALGARY	CS	H		$2.50/AC	OILSEEDS
2	MD44	CS	AS		$4/AC	INCLUDES FERT AND/OR HERB
2	MD48	CS	AS		$7.50/AC	MOST CROPS; INCLUDES FERT
3	10	CS	FW		$3.50/AC	RAPESEED; 4-6 LBS/AC
3	10	CS	FW		$4/AC	CEREALS
3	22	CS	TH		$2.75/AC	RAPESEED AND FERT
3	22	CS	TH		$2.50/AC	GRASSES, LEGUMES
3	22	CS	TH		$2.50/AC	RAPESEED
3	23	CS	AS	$1.75/AC		
3	23	CS	AS	$2.75/AC		INCLUDES RENTAL OF CULTIVATOR
4	MD61	CS	TH		$1.75/AC	RAPESEED
4	24	CS	FW		$3/AC	OILSEEDS
4	24	CS	FW		$3.50/AC	GRASSES
4	24	CS	FW		$4/AC	CEREALS
4	24	CS	FW		$3.50/AC	OILSEEDS
4	24	CS	FW		$4/AC	CEREALS
4	24	CS	FW		$3.50/AC	GRASSES
4	MD87	CS	FW		$3.25/AC	OILSEEDS, CEREALS, GRASSES
5	20	CS	AS		$5.75/AC	CEREALS
5	12	CS	AS		$5.50/AC	OILSEEDS, CEREALS; INCLUDES CULT, DELIVERY
5	12	CS	SD		$4/AC	OILSEEDS, CEREALS; INCLUDES CULT, DELIVERY
5	11	CS	SD	$28/DAY	$7/AC	CEREALS
5	MD92	CS	FW		$3.50/AC	OILSEEDS
5	MD92	CS	FW		$4.50/AC	CEREALS
5	MD92	CS	FW		$4/AC	GRASSES
5	MD90	CS	FW		$3.50/AC	OILSEEDS
5	MD90	CS	FW		$4.25/AC	CEREALS
6	ID19	CS	FW		$3.25/AC	RAPESEED
6	ID22	CS	FW		$3.50/AC	RAPESEED; UP TO 10LBS/AC
6	MD135	CS	FW		$3/AC	PAYMENT UPON COMPLETION
6	MD135	CS	FW		$3.25/AC	BILLED AND PAID LATER
6	MD136	CS	FW		$3.20/AC	RAPESEED